

SIEVING ERROR: 0.6%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-93-1\_25**

ANALYST &amp; DATE: TB/RM, 7/28/93

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 0.9%		
MODE 2:	273.5	1.876	SAND: 97.3%	MEDIUM SAND: 12.6%		
MODE 3:			MUD: 2.7%	FINE SAND: 62.4%		
$D_{10}$ :	105.9	1.907		V FINE SAND: 21.4%		
MEDIAN or $D_{50}$ :	158.6	2.657	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.7%		
$D_{90}$ :	266.7	3.239	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.519	1.699	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	160.8	1.333	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.608	1.298	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	76.63	0.686	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	175.1	160.5	2.639	162.1	2.625	Fine Sand
SORTING ( $\sigma$ ):	81.60	1.492	0.577	1.456	0.542	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	3.102	0.161	-0.161	0.029	-0.029	Symmetrical
KURTOSIS ( $K$ ):	22.85	4.341	4.341	1.094	1.094	Mesokurtic

**GRAIN SIZE DISTRIBUTION**